

# CITY COUNCIL AGENDA ITEM COVER MEMO

Agenda Item Number \_\_\_\_\_

Meeting Type: Regular

Meeting Date: 2/14/2013

Action Requested By:  
Engineering

Agenda Item Type  
Resolution

Subject Matter:

Modification No. 1 to Agreement with Geo Solutions, L.L.C.

Exact Wording for the Agenda:

Resolution authorizing the Mayor to modify the agreement with Geo Solutions, L.L.C. for Construction Materials Testing Services for Jeff Road Improvements, Project No. 65-10-RD04, by Modification No. 1

11-218

**Note: If amendment, please state title and number of the original**

Item to be considered for: Action

Unanimous Consent Required: No

Briefly state why the action is required; why it is recommended; what Council action will provide, allow and accomplish and; any other information that might be helpful.

This modification is to complete geotechnical testing on the Jeff Road project for a total modification amount of \$7,500.00. Account No. 23-6500-0813-8106

Associated Cost:

Budgeted Item: Select...

MAYOR RECOMMENDS OR CONCURS: Select...

Department Head: Lizthy Martin

Date: 1-22-13

revised 3/12/2012

# ROUTING SLIP CONTRACTS AND AGREEMENTS

Originating Department: **Engineering**

Council Meeting Date: **2/14/2013**

Department Contact: **Lynn Majors**

Phone # **256-427-5201**

Contract or Agreement: **Modification No. 1**

Document Name: **Geo Solutions-Jeff Road Testing Project No. 65-10-RD04**

City Obligation Amount: **\$7,500.00** ✓

Total Project Budget: **\$39,640.00**

Uncommitted Account Balance: **0**

Account Number: **23-6500-0813-8106**

## Procurement Agreements

<b><u>Not Applicable</u></b>	<b><u>Not Applicable</u></b>
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## Grant-Funded Agreements

<b><u>Not Applicable</u></b>	<b>Grant Name:</b>
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Department	Signature	Date
1) Originating	<i>Kathy Martin</i>	<i>1-22-13</i>
2) Legal	<i>Mary Cates</i>	<i>2-01-13</i>
3) Finance	<i>[Signature]</i>	<i>2/4/13</i>
4) Originating		
5) Copy Distribution		
a. Mayor's office (1 copies)		
b. Clerk-Treasurer (Original & 2 copies)		

**RESOLUTION NO. 13-**

**BE IT RESOLVED** by the City Council of the City of Huntsville, Alabama, that the Mayor be, and is hereby authorized, in Huntsville, Alabama, on behalf of the City of Huntsville, a municipal corporation in the State of Alabama to enter into Modification No. 1 to the Agreement with Geo Solutions, L.L.C., adopted and approved on the 24th day of March, 2011, by the City Council of the City of Huntsville, Alabama by Resolution No. 11-218, as attached hereto.

**BE IT FURTHER RESOLVED** that the total contract amount be and hereby is modified from THIRTY-TWO THOUSAND ONE HUNDRED FORTY AND NO/100 DOLLARS (\$32,140.00) to THIRTY-NINE THOUSAND SIX HUNDRED FORTY AND NO/100 DOLLARS (\$39,640.00), including this Modification No. 1, an increase of SEVEN THOUSAND FIVE HUNDRED AND NO/100 DOLLARS (\$7,500.00). Agreement is substantially in words and figures similar to that document attached hereto and identified as "Modification No. 1 to Agreement between City of Huntsville and Geo Solutions, L.L.C. for Construction Materials Testing Services for Jeff Road Improvements, Project No. 65-10-RD04, as adopted by Resolution No. 11-218 of March 24, 2011" consisting of a total of four (4) pages plus three (3) additional pages consisting of Attachment "A", and the date of February 14, 2013, appearing on the margin of the first page, together with the signature of the President or President Pro Tem of the City Council, and an executed copy of said document being permanently kept on file in the Office of the City Clerk of the City of Huntsville, Alabama.

**ADOPTED** this the 14th day of February, 2013.

\_\_\_\_\_  
President of the City Council of  
the City of Huntsville, Alabama

**APPROVED** this the 14th day of February, 2013.

\_\_\_\_\_  
Mayor of the City of Huntsville,  
Alabama

STATE OF ALABAMA     )  
COUNTY OF MADISON    )

Modification No. 1 to Agreement between  
the City of Huntsville and Geo Solutions,  
L.L.C. for Construction Materials Testing  
Services for Jeff Road Improvements,  
Project No. 65-10-RD04, as adopted by  
Resolution No. 11-218 of March 24, 2011

**THIS IS MODIFICATION NO. 1 TO THE AGREEMENT** entered in on the 24th day of March, 2011, in the amount of THIRTY-TWO THOUSAND ONE HUNDRED FORTY AND NO/100 DOLLARS (\$32,140.00). The original Agreement is hereby amended by Modification No. 1 dated February 14, 2013, in the amount of SEVEN THOUSAND FIVE HUNDRED AND NO/100 DOLLARS (\$7,500.00) for a total revised contract amount of THIRTY-NINE THOUSAND SIX HUNDRED FORTY AND NO/100 DOLLARS (\$39,140.00), by and between the CITY OF HUNTSVILLE, ALABAMA, a municipal corporation in the State of Alabama (OWNER) and GEO SOLUTIONS, L.L.C., (ENGINEER).

**WITNESSETH**

**WHEREAS**, the firm identified as the ENGINEER to the Agreement dated March 24, 2011, has proposed a change, identified as Attachment "A" to the Original Agreement. This modification delineates a change to complete geotechnical testing on the Jeff Road project.

**WHEREAS**, the Owner desires that the contract drawings be altered to be consistent with Attachment "A" hereto.

**NOW THEREFORE**, in consideration of the mutual covenants set forth herein, the Owner and the ENGINEER agree to the following modifications to the agreement:

1. Geo Solutions, L.L.C. will provide for geotechnical testing on the Jeff Road project at a time and materials cost not to exceed SEVEN THOUSAND FIVE HUNDRED AND NO/100 DOLLARS (\$7,500.00). There are an additional Three Hundred Twelve (312) calendar days added to contract completion.

\_\_\_\_\_  
President of the City Council of the City of  
Huntsville, AL

Date: February 14, 2013

2. Item #1 shall be performed in accordance with the original agreement dated March 24, 2011, and approved by the City Council by Resolution No. 11-218 and as described in the letter from Brian Cook to Robbie Stewart, dated January 9, 2013, shown as Attachment "A".
3. The terms of this contract modification and the execution thereof is not in any way to be viewed as a waiver on the part of the Owner of any of its rights pursuant to the Contract.
4. All other terms and conditions remain unchanged.

**IN WITNESS WHEREOF**, the parties have entered their hands and seals and attest to the same with the signature of the Mayor being the official act of the said municipality in accordance with his duly constituted authority.

THE CITY OF HUNTSVILLE, ALABAMA,  
a municipal corporation

By: \_\_\_\_\_  
Tommy Battle  
Its Mayor

ATTEST:

\_\_\_\_\_  
Charles E. Hagood  
City Clerk-Treasurer

STATE OF ALABAMA     )  
COUNTY OF MADISON    )

I, the undersigned, a notary public in and for said County, in said State, hereby certify that Tommy Battle and Charles E. Hagood, whose names as Mayor and City Clerk-Treasurer of the City of Huntsville, a municipal corporation, are signed to the foregoing instrument, and who are known to me, acknowledged before me on this day that, being informed of the contents of the instrument, they, in their capacity as such officers, executed the same with full authority for and as the act of said corporation on the day the same bears day.

GIVEN under my hand and official seal this the \_\_\_\_ day of \_\_\_\_\_ 2013.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

ENGINEER: GEO SOLUTIONS, L.L.C.

By: 


ATTEST:



STATE OF ALABAMA     )  
COUNTY OF MADISON    )

I, the undersigned, a notary public in and for said County, in said State, hereby certify that Brian Cook, as Partner, is signed to the foregoing instrument, and who is known to me, acknowledged before me on this day that, being informed of the contents of the instrument, he, in his capacity as such officer, executed the same with full authority for and as the act of said Corporation on the day the same bears day.

GIVEN under my hand and official seal this the 22<sup>nd</sup> day of January 2013.

  
Notary Public  
My Commission Expires: 3/28/15



# ***GEO SOLUTIONS, L.L.C.***

*Geotechnical Engineering and Materials Testing Services*

January 9, 2013

City of Huntsville Engineering Department  
320 Fountain Circle  
Huntsville, Alabama 35801

Attention: Ms. Robbie Stewart

Subject: Proposal for Completing the Construction Materials Testing Services  
Jeff Road Improvements  
Huntsville, Alabama  
Proposal No.: G-13-002

Dear Mr. Stewart:

GEO Solutions, L.L.C. is pleased to present this unit proposal for completing the Construction Materials Testing services during construction of the referenced project. The staff of GEO Solutions has been involved in many projects in the North Alabama area over the past 20 years. Given our knowledge and experience, we believe we will be a valuable member to the construction team.

## **SCOPE OF SERVICES**

GEO Solutions has been involved with the initial testing services for this project. Based on our knowledge regarding the remaining construction, the following Scope of Services will be required to complete this project. We understand that our services will be provided on an on-call basis. Our laboratory and staff are fully certified by AASHTO, ALDOT and the USACE and are capable of providing the construction materials testing services for this project. The remaining services at this time will include:

### **Subgrade Reviews / Undercut Monitoring**

GEO Solutions will provide a field engineer to review subgrade areas prior to soil fill placement and at final grade elevation in cut areas. Reviews will include visual soil classification, penetrometer testing, exploratory excavations and/or proof rolling to help identify stable soil subgrade conditions are present in the planned construction area. Reports documenting findings and recommendations will be submitted upon completion. Recommendations to remediate unsuitable soil conditions or improve existing soils will be provided at the time of each review. Observation and quantifying of undercut soils will be provided as directed by the City of Huntsville.

**Field Density Testing**

GEO Solutions proposes to provide a qualified field technician to perform field density testing of structural fill at the required locations and testing intervals. Results of tests will be reported in the field upon completion. Formal reports will be prepared and submitted after completion of each event. Our technicians are trained to quickly interpret test results and the observed site conditions in order to help the site grading contractor maximize productivity.

**Asphalt Testing**

An engineering technician will perform the necessary compliance testing of asphaltic concrete (binder layer and bearing surface). Asphalt cores will be obtained for the purpose of documenting the in-place thickness and density of each layer of asphalt as requested. Required laboratory testing will be performed at the asphalt plant upon request. The base stone thickness and density will also be reviewed prior to asphalt placement. A formal report will be prepared and submitted after the completion of each testing event.

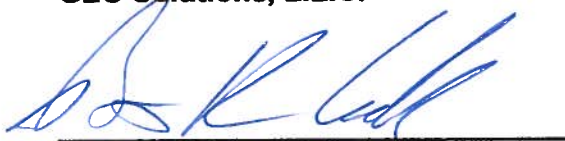
**FEE SCHEDULE AND COST ESTIMATE**

Attached is our unit rate fee schedule for your review. Services provided during the project construction will be invoiced in accordance with the attached unit rate fee schedule. Invoices will be prepared monthly for the work performed during the previous billing cycle in accordance with the unit rates provided on the attached Fee Schedule. These rates remain in effect for the duration of the contract. Invoices will reflect the unit rate charges, which is a function of the schedule and testing needs. In the event that other tests or inspection services not mentioned herein are required, we would be pleased to offer a quotation upon request. Based on the available information we recommend our costs be based on a time and materials basis with a not to exceed fee of \$7,500.00.

**CLOSING**

GEO Solutions appreciates the opportunity to provide you with our best resources and professional services. Should you have further questions, please contact the undersigned.

Respectfully submitted,  
GEO Solutions, L.L.C.



Brian K. Cook  
Partner



Tracy W. Brewer  
Project Manager

Attachment: On-Call Unit Rate Fee Schedule  
Proposal Authorization Form



**GEO SOLUTIONS, L.L.C.**  
**CONSTRUCTION TESTING SERVICES**  
**ON-CALL UNIT RATE FEE SCHEDULE**  
**PROPOSAL NO.: G-13-002**

<u>Item No.</u>	<u>Description</u>	<u>Unit Price</u>
<b><u>Staffing</u></b>		
P-1	Engineering Technician (Soil, Concrete and Asphalt), per hour.....	\$40.00
P-2	Senior Engineering and Asphalt Lab Technician, per hour .....	\$50.00
P-3	Project Engineer/Manager, per hour .....	\$80.00
P-4	Senior Consulting Engineer, per hour .....	\$110.00
P-5	Administrative Assistant, per hour .....	No Charge
<b><u>Laboratory Testing</u></b>		
L-1	Compressive Strength Testing of Concrete, each .....	\$15.00
L-2	Standard Proctor Test, each .....	\$120.00
L-3	Atterberg Limits Test (LL and PL) each.....	\$75.00
L-4	Modified Proctor Test, each.....	\$120.00
L-5	Grain Size Analysis (Gradation), each .....	\$75.00
L-6	Moisture Content, each.....	\$15.00
<b><u>Equipment Fee</u></b>		
S-1	Truck Charge, per visit.....	\$30.00
S-2	Nuclear Gauge Rental, per day .....	\$25.00
S-3	Penetrometer, per day .....	\$25.00

Note: Overtime for services is time over 8 hours per day during normal work hours, Saturdays, Sundays, nights and Holidays. Overtime is charged at 1.5 times the regular time rate. A minimum charge of 2 hours will be invoiced for testing and engineering visits to the jobsite. Rates will remain in effect through the duration of the project.